Title (en)
Projection optical system, projection type image display apparatus, and image display system

Title (de)
Optisches Projektionssystem, Bildanzeigevorrichtung mit Projektion

Title (fr)
Système de projection optique, et appareil d'affichage par projection

Publication
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Application
EP 03254759 A 20030730

Priority
JP 2002221772 A 20020730

Abstract (en)
[origin: EP1387208A1] A projection optical system having a plurality of reflecting surfaces is disclosed in which a sufficiently large angle is provided between an incident side reference axis and an emerging side reference axis while tilt angles of the respective reflecting surfaces can remain small. The projection optical system projects luminous flux from an image forming element which forms an original image onto a projection surface. The incident side reference axis and the emerging side reference axis of the projection optical system are oblique to each other. The projection optical system has a plurality of reflecting surfaces each having a curvature. The reflecting surfaces are arranged such that the reference axis has at least one intersection in the projection optical system. <IMAGE>

IPC 8 full level
G02B 13/18 (2006.01); **G02B 27/18** (2006.01); **G02B 17/06** (2006.01); **G02B 17/08** (2006.01); **G03B 21/00** (2006.01); **G03B 21/14** (2006.01); **H04N 5/74** (2006.01); H04N 17/00 (2006.01)

CPC (source: EP US)
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